

**From:** [Craig, Harry](#)  
**To:** [Schneider, Jana](#)  
**Subject:** FW: SAP clarification  
**Date:** Friday, June 14, 2013 11:46:03 AM

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**From:** Harry Craig [mailto:Craig.Harry@epamail.epa.gov]  
**Sent:** Thursday, June 13, 2013 4:30 PM  
**To:** Craig, Harry  
**Subject:** Fw: SAP clarification

----- Forwarded by Harry Craig/R10/USEPA/US on 06/13/2013 04:29 PM -----

From: Harry Craig/R10/USEPA/US  
To: "Bath, Bill" <[bill.bath@lmco.com](mailto:bill.bath@lmco.com)>  
Cc: "Matsushita, Gene S" <[gene.s.matsushita@lmco.com](mailto:gene.s.matsushita@lmco.com)>, "Lynden Peters ([Lynden.Peters@arcadis-us.com](mailto:Lynden.Peters@arcadis-us.com))" <[Lynden.Peters@arcadis-us.com](mailto:Lynden.Peters@arcadis-us.com)>, Dennis Faulk/R10/USEPA/US@EPA, Christy Brown/R10/USEPA/US@EPA, Linda Meyer/R10/USEPA/US@EPA, Mary Queitzsch/R10/USEPA/US@EPA, Cami Grandinetti/R10/USEPA/US@EPA, Thabet Tolaymat/CI/USEPA/US@EPA  
Date: 09/17/2012 08:57 AM  
Subject: Re: SAP clarification

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Bill,

This proposal of extractive sampling at one only vent and one manhole at each landfill is unacceptable to EPA. Based on the text in the SAP Section 2.4, EPA expects that *all* RCRA Landfill vents and *all* CERCLA Landfill vaults/manholes will have extractive laboratory analysis sampling conducted.

**2.4 RCRA and CERCLA Landfill Vents, Sumps and Pump Stations: Field Monitoring and Extractive Sampling**

The hand-held surveys and extractive sampling will be conducted at each source location: at the RCRA landfill sump and three vents, and at the CERCLA landfill's four manholes and two lift stations.

These are some of the most important samples for assessing quantitative gas concentrations at the highest potential sources at the landfills. One lab sample at each landfill is not acceptable to adequately assess the extent of gas migration from the landfills. Frankly, EPA has some serious concerns about your contractor's execution of this SAP, after we went through multiple drafts to get a somewhat "clean" version to execute in the field. Now we get these additional "interpretations" of what the SAP means.

Regards,

Harry

▼ "Bath, Bill" ---09/15/2012 01:01:47 PM---Harry- The SAP has an inconsistency between Table 1 and the text on the number of extractive lab sa

From: "Bath, Bill" <[bill.bath@lmco.com](mailto:bill.bath@lmco.com)>  
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Cc: "Matsushita, Gene S" <[gene.s.matsushita@lmco.com](mailto:gene.s.matsushita@lmco.com)>, "Lynden Peters ([Lynden.Peters@arcadis-us.com](mailto:Lynden.Peters@arcadis-us.com))" <[Lynden.Peters@arcadis-us.com](mailto:Lynden.Peters@arcadis-us.com)>  
Date: 09/15/2012 01:01 PM  
Subject: SAP clarification

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Harry- The SAP has an inconsistency between Table 1 and the text on the number of extractive lab samples. Table 1 specifies 1 RCRA vent sample based on "worst case" instrument screening and 1 worst case CERCLA manhole sample. The text states that all 3 RCRA vents and all CERCLA manholes will be sampled. Arcadis ordered sampling equipment based on Table 1. Please approve sampling the "worst case" RCRA vent and CERCLA manhole consistent with Table 1.

I left you an identical voice mail message on your cell phone at 11:45am today.

We agreed yesterday on sampling the middle RCRA vent under SAP Section 2.3 (sampling in breathing zones), so we are focusing efforts today on completing this sampling and the RCRA sump while we resolve the issue about Section 2.4 sampling.

Bill Bath  
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